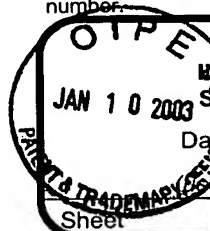


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|  | Substitute for form 1449B/PTO | | Complete if Known | |
| | INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Application Number | 10/023,847 |
| | Date Submitted: January 10, 2003 | | Filing Date | 12/21/2001 |
| | (See as many sheets as necessary) | | First Named Inventor | Akira Mitsui |
| | Sheet 1 of 1 | | Group Art Unit | 1765 |
| | | | Examiner Name | Unassigned |
| | | Attorney Docket Number | 025311-0112 | |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|-------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------|
| | | Number | Kind Code ² (if known) | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|-------------------------|---------------------|-----------------------------------|--------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| BT | A1 | JP | 2-266517 | A | ROHM CO LTD | 10/31/1990 | | A |
| BT | A2 | JP | 2-303022 | A | INTERNATL BUSINESS MACH CORP <IBM> | 12/17/1990 | | A |
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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| Examiner Signature | Binh Tran | Date Considered | 6124103 |
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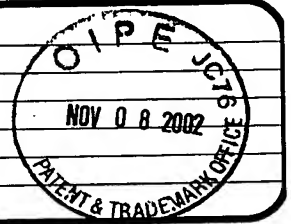
Date Submitted: November 8, 2002

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| Sheet | 1 | of | 1 |
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|-------------------------------|----------------|
| Application Number | 10/023,847 |
| Filing Date | 12/21/2001 |
| First Named Inventor | Akira MITSUIKI |
| Group Art Unit | 1765 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 025311-0112 |

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